

NFA - 214W
3/16/90

5E0401-A0400

RCA
exempt

CERCLA
Environmental Priorities Initiative
Preliminary Assessment
Report



Illinois Environmental
Protection Agency
P.O. Box 19276,
Springfield, IL 62794-9276

EPA Region 5 Records Ctr.



237491

EXECUTIVE SUMMARY

LOCATION:

Rockwell International Corporation is located approximately 1 mile south of Centralia at 4002 Industrial Park along Illinois Highway 51. The property consists of approximately 43 acres in the NW $\frac{1}{4}$ of the SW $\frac{1}{4}$, Section 30, T.1N., R.1E., Marion County (See Figures 1, 2).

CURRENT OPERATION:

Rockwell International has been in operation since 1968 and is currently regulated as a generator of hazardous waste. The facility manufactures and supplies reinforced fiberglass body components for the automotive and truck industries. Six waste streams are generated as a result of the operation. Utilizing the Satellite Accumulation Rule which was adopted by the Illinois Pollution Control Board on December 20, 1985, Rockwell is allowed to accumulate up to 55 gallons of waste at each generation point throughout the facility. Once 55 gallons of a particular waste stream has accumulated, the drummed waste is transferred from the generation point to a less than ninety day drum storage area prior to off-site disposal.

PERMITTING STATUS/HISTORY:

Rockwell International submitted their RCRA Part A application to the Illinois EPA on November 13, 1980. According to their application, Rockwell was initially regulated as a generator and a drum storage facility (S01). On November 21, 1983, the drum storage area was certified closed in conformance with an IEPA-approved closure plan. Rockwell continued to operate under generator status with less than ninety day storage pursuant to 35 Ill. Adm. Code 722.134(a). In 1986, Rockwell implemented the Satellite Accumulation Rule pursuant to 35 Ill. Adm. Code 722.134(c), which allows them to store and accumulate up to 55 gallons of waste with minimal requirements.

SWMU IDENTIFICATION:

Rockwell International currently operates one (1) Solid Waste Management Unit (SWMU) which consists of a less than ninety (90) day container/drum storage area. The original drum storage area identified on the RCRA Part A permit application was closed on July 31, 1983 in accordance with an IEPA approved closure plan.

CONTAINER/DRUM STORAGE AREA:

The less than ninety (90) day drum storage area is located outside the facility at the northeast corner of the property and has been in operation since July, 1988 (see Figure 3). It occupies an area of 60' x 220' (13,200 sq. ft.) with a maximum drum capacity of 523 drums. The floor area is constructed of a 6-inch reinforced concrete pad.

HAZARDOUS WASTE PRESENT:

Rockwell International currently generates six (6) waste streams as a result of their manufacturing operation. Table 1 lists the waste name, generation process, RCRA Identification Number, and the quantity generated per month. All wastes are stored less than 90 days prior to off-site disposal.

TABLE 1

<u>Waste Name</u>	<u>Generation Process</u>	<u>RCRA I.D.#</u>	<u>Generation Rate Drums/Month</u>
Paint	Coating Bronco Tops	F005	27
Flammable Liquid	1) Flush for Paint System (N-Butyl Acetate)	F005	20
N.O.S.	2) Bronco Seamfill Wipe (MEK Replacement)	F003	2
	3) Lab Waste	D001	1/Year
Methylene Chloride	1) IMC Recirculation Flush	F002	30
	2) Urethane Bond Surface Prep.	F002	5
Adhesive	Adhesive for Bronco Seal	D001	2
Styrene Monomer	SMC Formulation	D001	2
Chromic Acid	Removal of Chromic Acid from returned dye	D001	N/A

COMPLIANCE HISTORY:

According to the available file records and information obtained from the IEPA Compliance Monitoring and Enforcement Report, all past compliance violations at Rockwell International have been resolved as of February 6, 1987. These include: maintaining personnel training records at the facility and documentation of weekly container inspections pursuant to 35 Ill. Adm. Code Part 725, and hazardous waste accumulation violations pursuant to 35 Ill. Adm. Code Part 722.134.

VISUAL SITE INSPECTION:

A visual site inspection was conducted at Rockwell International on June 23, 1989. Illinois EPA was represented by John Morgan and Wendy Schaufelberger. Rockwell was represented by Renee Arnett, Environmental Engineer. After a brief discussion was completed relative to our objectives and the area of interest, Renee Arnett initiated a site tour.

The site tour began at 10:30 a.m. We first observed the nine (9) manufacturing processes that are responsible for generating the hazardous waste at the facility. The locations and description of the generating processes are included in Figure 4 and Table 2.

Next, we observed the drum staging area. The drum staging area is located inside the facility on a secure concrete floor. Drums of waste from the satellite accumulation points are transferred to this location for staging and labeling prior to storage in the less than 90 day drum storage area.

Our final destination was the less than ninety (90) day drum storage area. This area is located outside on a concrete pad at the northeast corner of the facility. Drums of hazardous waste from Rockwell International's manufacturing processes were observed at this location. The waste is stored for less than 90 days prior to off-site disposal. No evidence of major spills was observed during the inspection. The visual site inspection ended at approximately 12:00 noon.

SPILL HISTORY:

On December 13, 1985, approximately 500 gallons of an oil/water mixture was released when the mixture was being transferred from the wastewater press pit collection system to a tank truck. The spill occurred in the north parking lot when the tank's hose connection became loose. The transfer operations were stopped and absorbent material was used to contain and cleanup the spill. The spill was confined to the parking lot and disposed of as a non-hazardous hydraulic oil at Dibel Landfill in Effingham under Waste Stream Permit #651214.

TARGETS/PATHWAYS:

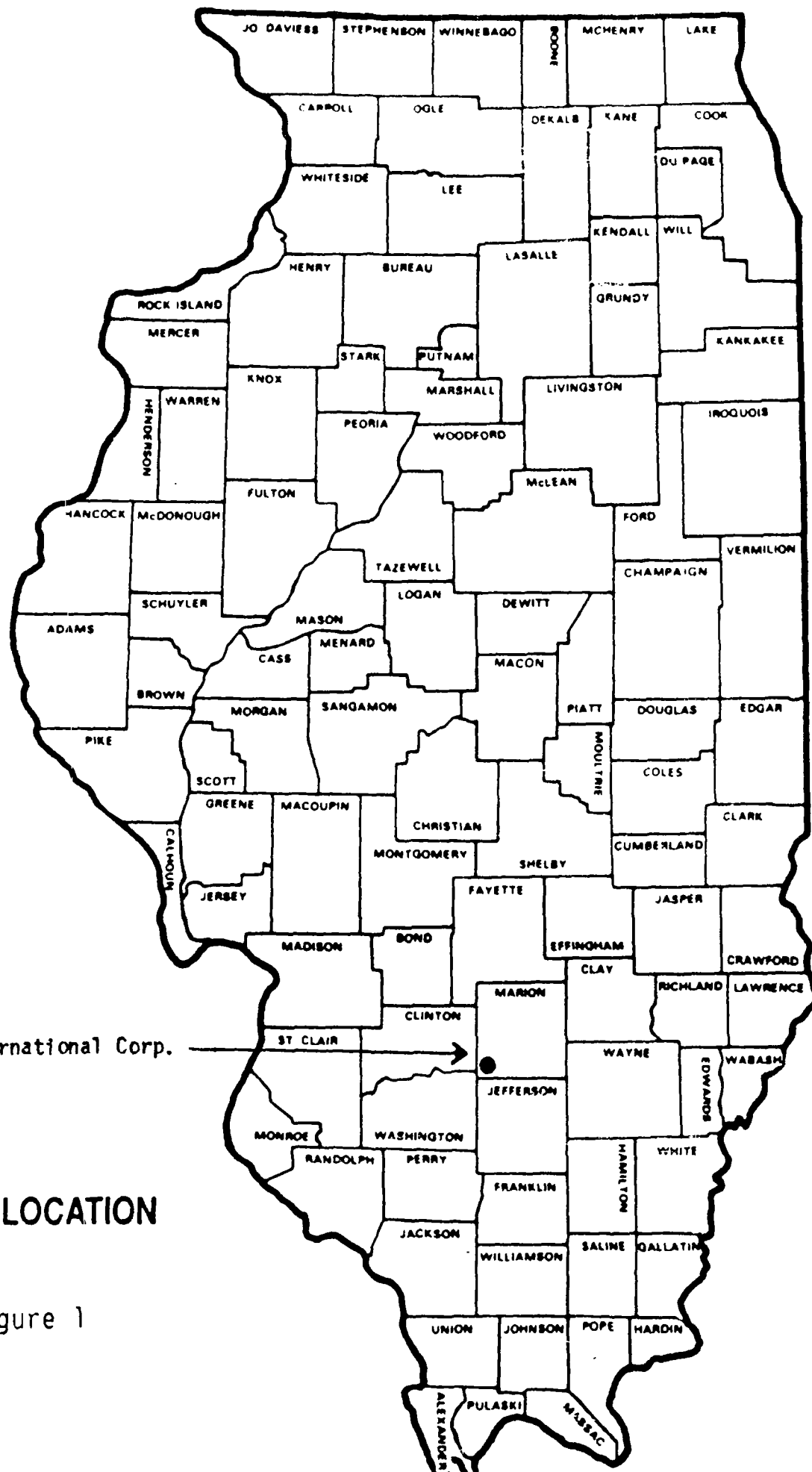
The closest municipality to the Rockwell International Facility is Centralia (Population: 15,126) located approximately one mile north of the site. Centralia and the surrounding smaller communities obtain their drinking water from a surface water intake in Racoon Lake located approximately four miles northeast of the site.

Surface drainage from Rockwell International appears to flow into a nearby tributary that discharges to Crooked Creek at a point approximately 14 miles downstream from Racoon Lake.

A review of records from the Illinois EPA, Division of Public Water Supply, indicates that no public water supply wells are located within the 4-mile radius of concern. A limited amount of rural residents (less than 1000) who are not serviced by the municipal water system due to distribution restrictions rely on shallow private wells as their source of drinking water.

Access to the property is restricted by a secure fence and a 24-hour security guard.

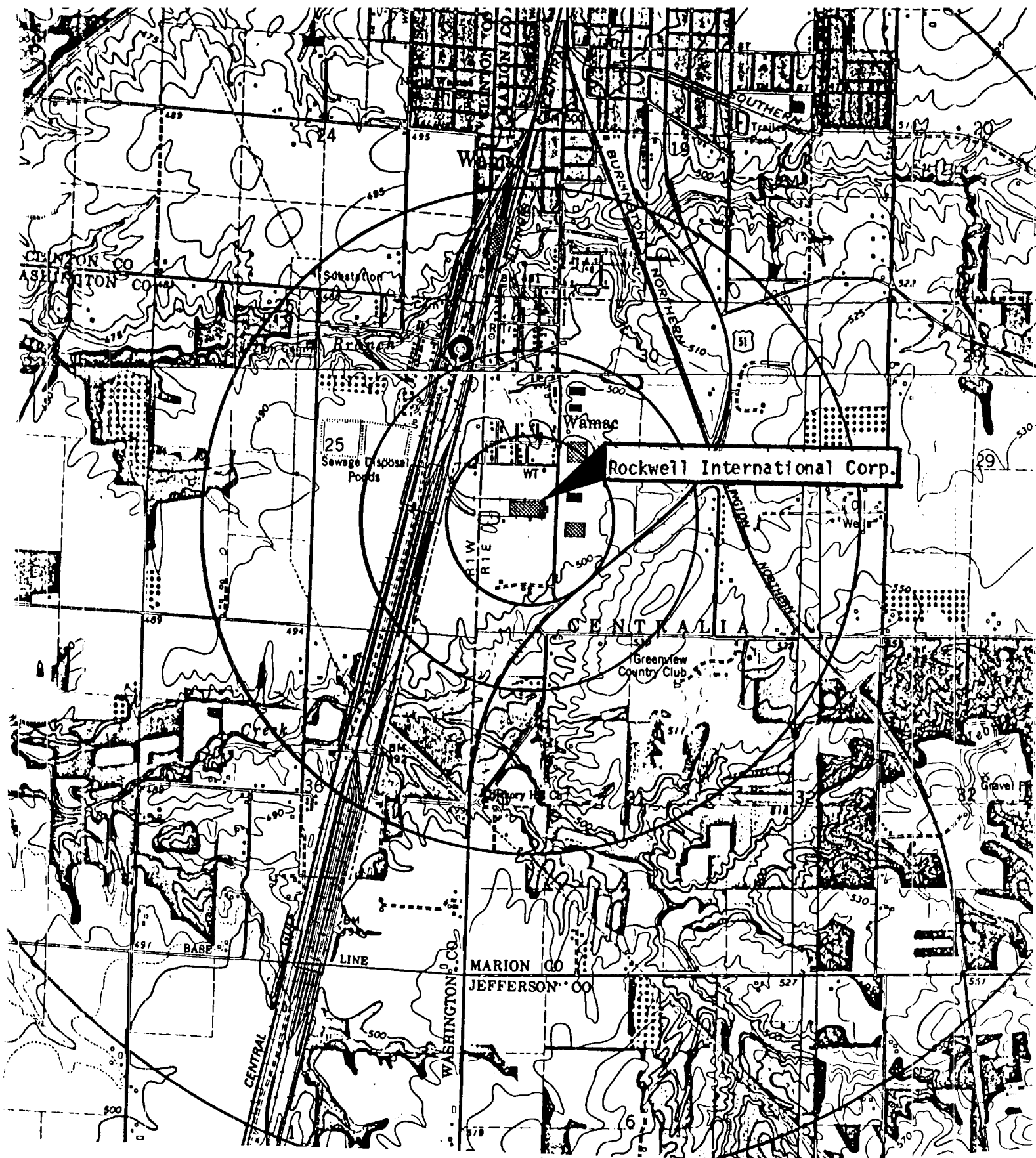
Rockwell International has been recommended a designation of no further action planned under the CERCLA Pre-Remedial Program. This decision is a result of the minimal human consumption of groundwater near the site and the fact that the primary source of public drinking water is supplied from Racoon Lake located approximately 14 miles upstream from the site.



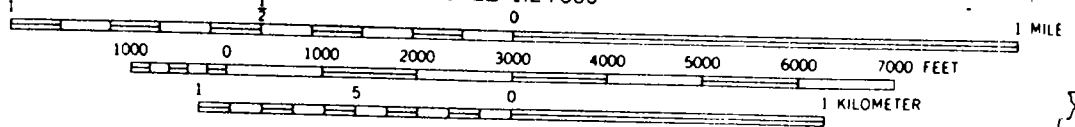
Rockwell International Corp.

SITE LOCATION

Figure 1

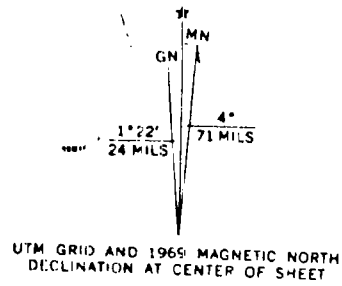


SCALE 1:24 000



CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

Figure 2



Less Than 90 Day
Active Drum Storage Area

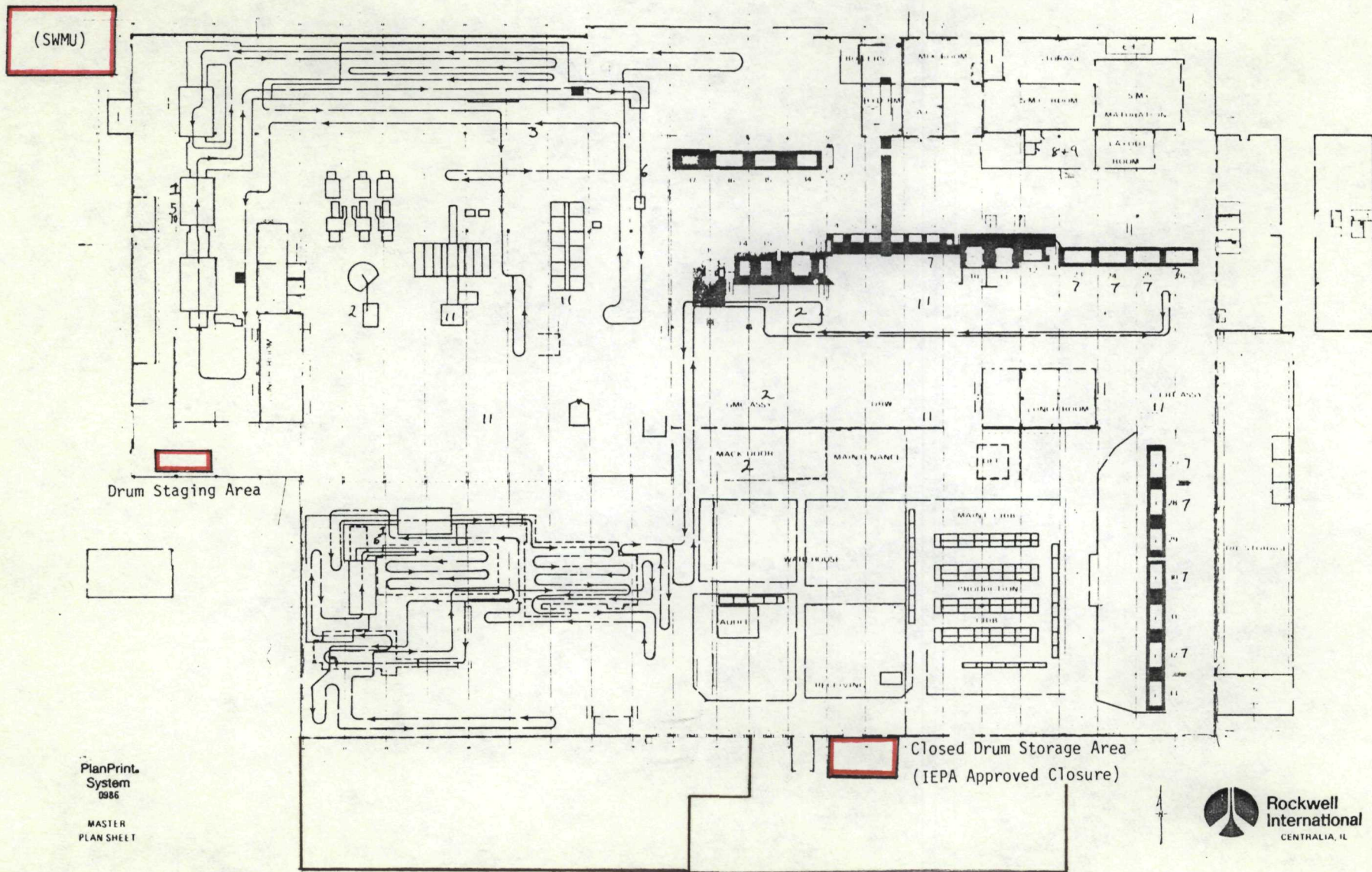


FIGURE 3

Less Than 90 Day
Active Drum Storage Area

↑
N

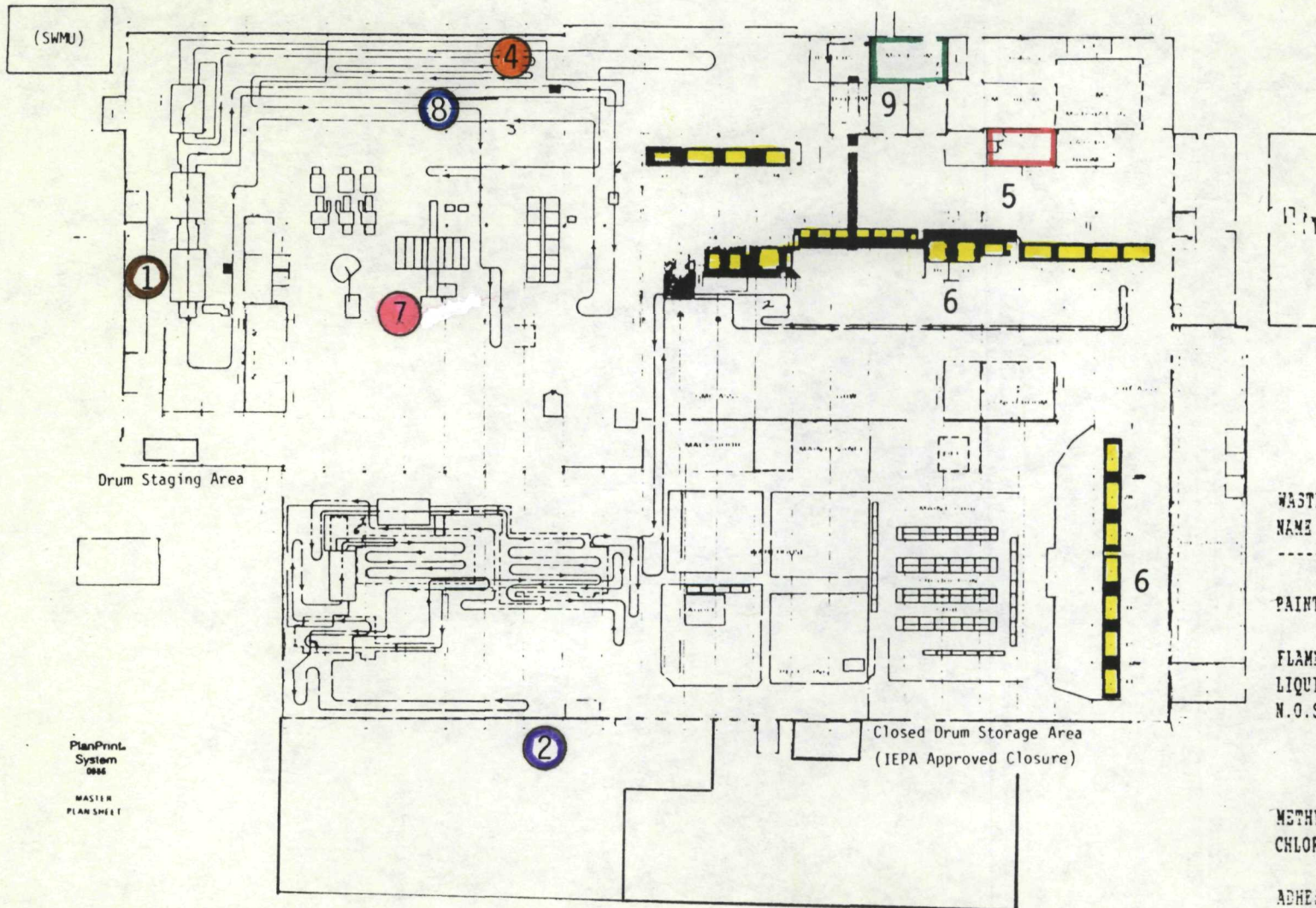


TABLE 2

WASTE NAME	GENERATING PROCESS	SITE
PAINT	COATING BRONCO TOPS	1
FLAMMABLE LIQUID, N.O.S.	1) FLUSH FOR PAINT SYSTEM (N-BUTYL ACETATE) 2) BRONCO SEAMFILL WIPE, (MEK REPLACEMENT) 3) LAB WASTE (KARL FISHER)	2
METHYLENE CHLORIDE	1) IMC RECIRCULATION FLUSH 2) URETHANE BOND SURFACE PREP	4
ADHESIVE	ADHESIVE FOR BRONCO SEAL (OUTDATED MAT'L)	5
STYRENE MONOMER	SNC FORMULATION (OUTDATED MAT'L)	6
CHROMIC ACID	REMOVAL OF CHROMIC ACID FROM RETURNED DIE (?)	7
		N/A

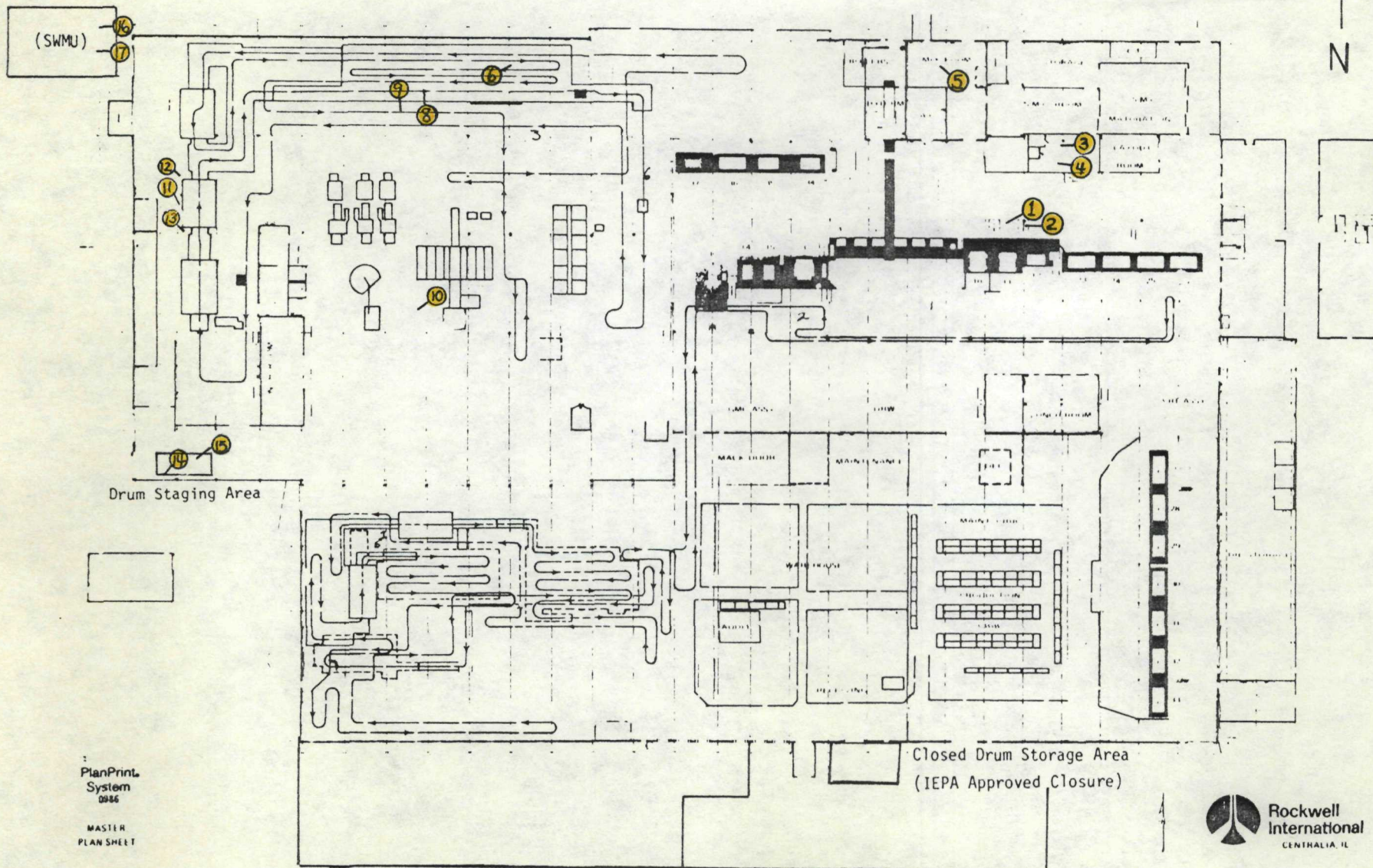
FIGURE 4

NOT TO SCALE

Less Than 90 Day
Active Drum Storage Area

PHOTOLOCATION MAP

N



PlanPrint
System
0986

MASTER
PLAN SHEET

Rockwell
International
CENTRALIA, IL

PHOTOLOCATION

SDMS US EPA Region V

Imagery Insert Form

Document ID:

297491

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OVERSIZE TOPOGRAPHIC MAP OF CENTRALIA WEST & EAST/IRVINGTON/WALNUT HILL
QUADRANGLE



Document is available at the EPA Region 5 Records Center.

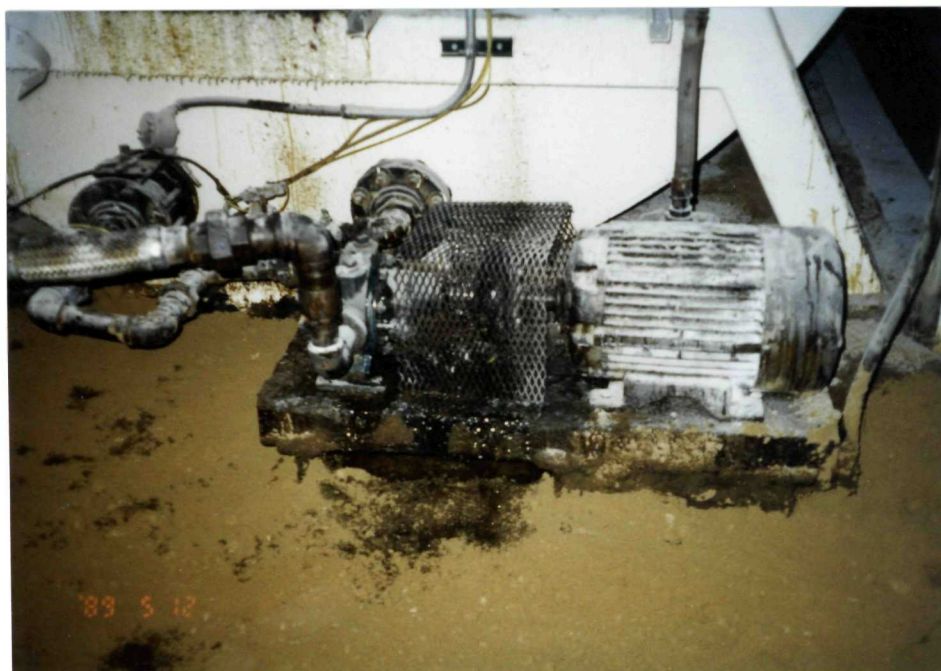
Specify Type of Document(s) / Comments:

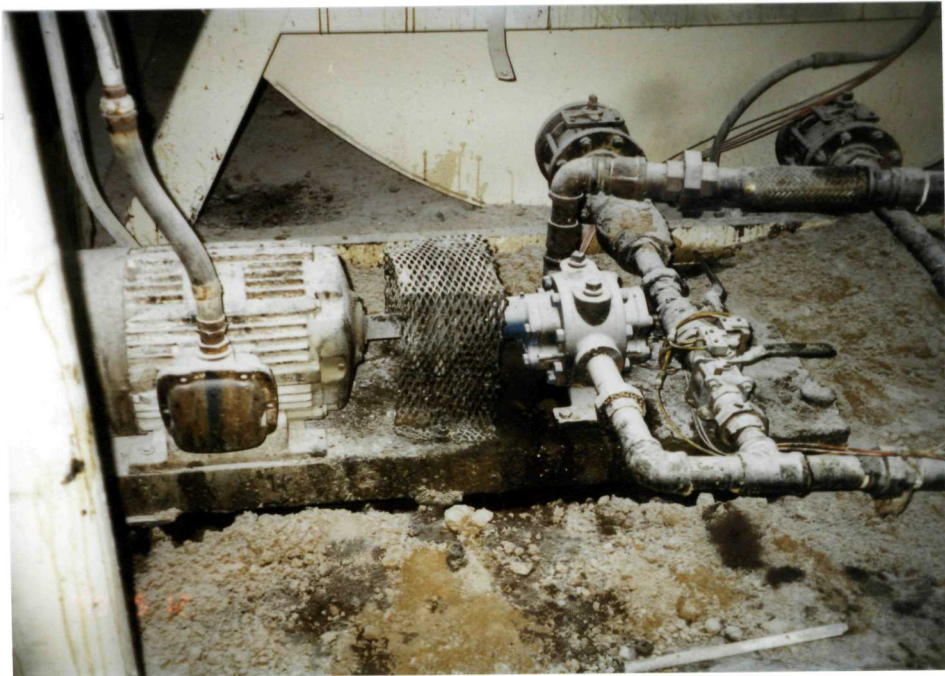
PHOTOGRAPHS

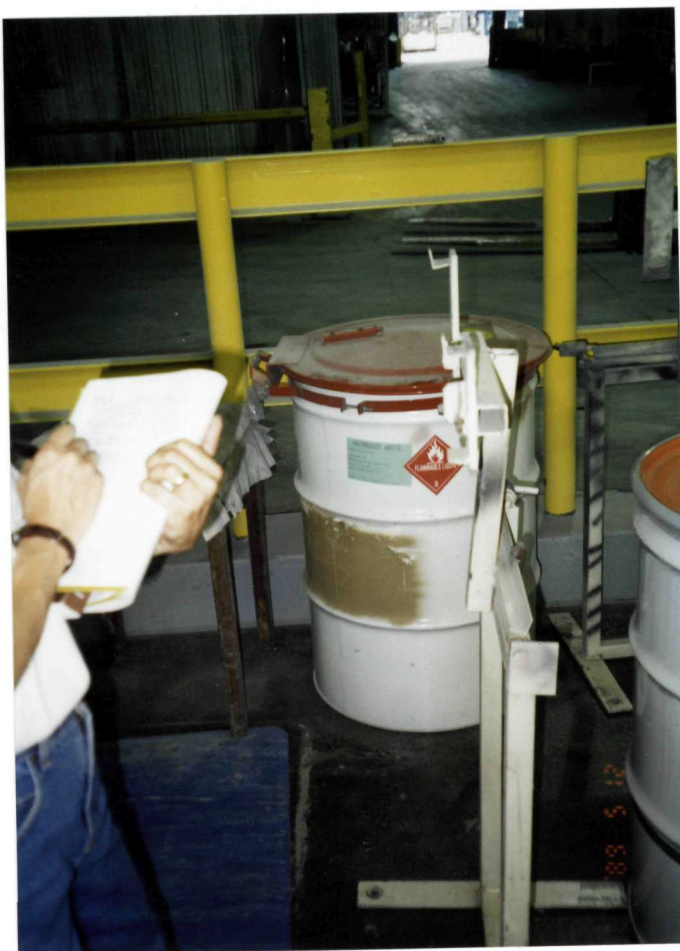
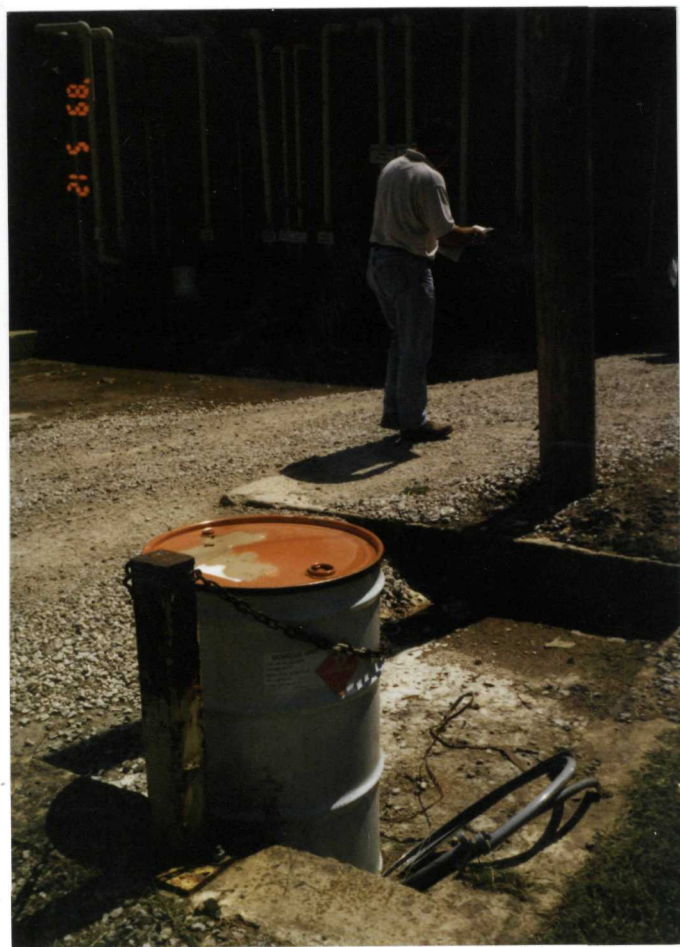














DATE: 6-23-89

TIME: 10:40 AM

Photograph by:

John Morgan

Location:

Rockwell
International (RI)

Comments: Picture taken toward

SOUTHWEST #1

Press Area



DATE: 6-23-89

TIME: 10:42 AM

Photograph by:

John Morgan

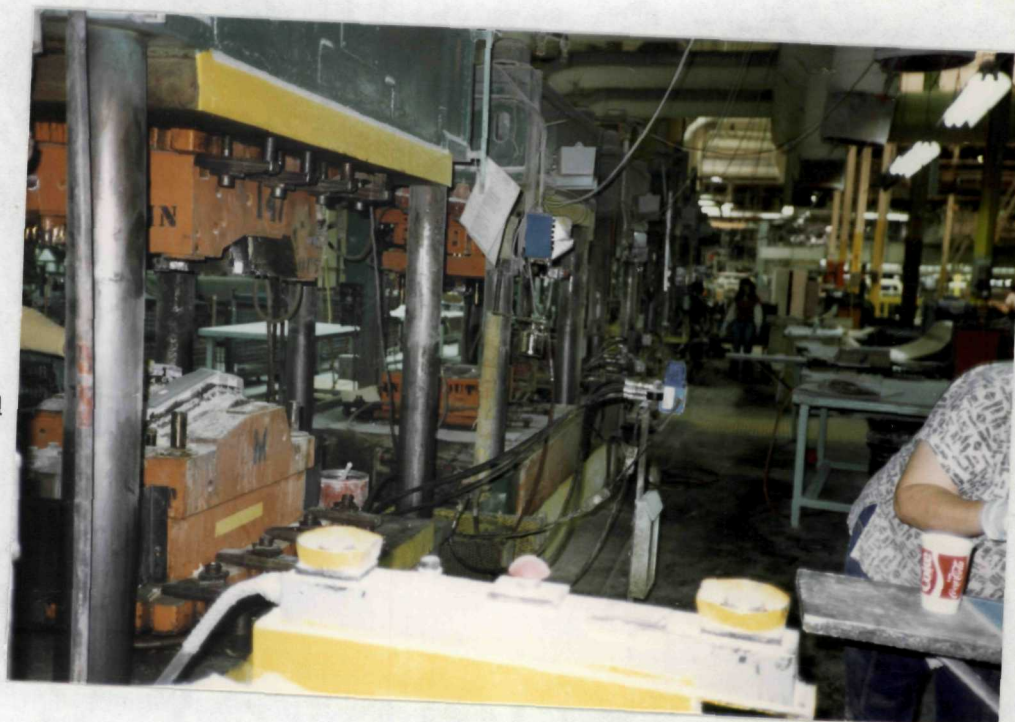
Location: RI,

Centralia, IL

Comments: Picture taken toward

West #2

Press Area



DATE: 6-23-89

TIME: 10:45 AM

Photograph by:

John Morgan

Location:

R.I., Centralin

Comments: Picture taken toward

WEST: #3

LAB, where lab
WASTE is generated



DATE: 6-23-89

TIME: 10:47 AM

Photograph by:

John Morgan

Location: R.I.

Comments: Picture taken toward

WEST: #4

LAB



DATE: 6-23-89

TIME: 10:55 AM

Photograph by:

John Morgan

Location:

R.I.

Comments: Picture taken toward

NW: #5

MIXING Room

Where Styrene Monomer
is generated



DATE: 6-23-89

TIME: 11:00

Photograph by:

John Morgan

Location: R.I.

Comments: Picture taken toward

NE: #6

LOCATION where

Bronco Seamfill
Wipe Waste is
generated.



DATE: 6-23-89

TIME: 11:15 AM

Photograph by:

John Morgan

Location:

R.I.

Comments: Picture taken toward

NORTH: #8

LOCATION where
Adhesive WASTE
is generated



DATE: 6-23-89

TIME: 11:15 AM

Photograph by:

John Morgan

Location: R.I.

Comments: Picture taken toward

SOUTH: #9

LOCATION where
Adhesive WASTE
is generated



DATE: 6-23-89

TIME: 11:25 AM

Photograph by:

John Morgan

Location:

R.I. #10

Comments: Picture taken toward

SW:

LOCATION where
Methylene Chloride
WASTE is generated



DATE: 6-23-89

TIME: 11:30

Photograph by:

John Morgan

Location: RI

Comments: Picture taken toward

SE: #11

LOCATION where
WASTE is generated



DATE: 6-23-89

TIME: 11:35

Photograph by:

John Morgan

Location:

R.I.

Comments: Picture taken toward

SE: #12

LOCATION where
WASTE PAINT IS
generated



DATE: 6-23-89

TIME: 11:36

Photograph by:

John Morgan

Location: R.I.

Comments: Picture taken toward

SE: #13

LOCATION where
WASTE PAINT IS
generated.



DATE: 6-23-89

TIME: 11:40

Photograph by:

John Morgan

Location:

R.I.

Comments: Picture taken toward

#14

STAGING Area
for drums



DATE: 6-23-89

TIME: 11:43

Photograph by:

John Morgan

Location: R.I.

Comments: Picture taken toward

#15

STAGING AREA



DATE: 6-23-89

TIME: 11:50

Photograph by:
John Morgan

Location:
R.I.

Comments: Picture taken toward

WEST: #16

< 90 DAY

drum storage
Area



DATE: 6-23-89

TIME: 11:55

Photograph by:
John Morgan

Location: R.I.

Comments: Picture taken toward

WEST #17

< 90 DAY

drum storage
Area





POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

ILD 064626344

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) ROCKWELL INTERNATIONAL		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 4002 INDUSTRIAL PARK			
03 CITY CENTRALIA	04 STATE IL	05 ZIP CODE 62501	06 COUNTY MARION	07 COUNTY CODE 121	08 CONG DIST 22
09 COORDINATES LATITUDE 38°29'40.0 LONGITUDE 089°09'00.0					

10 DIRECTIONS TO SITE (Starting from nearest public road)

TAKE ILLINOIS RT. 51 SOUTH FROM CENTRALIA FOR ABOUT ONE MILE TO INDUSTRIAL PARK COMPLEX ON THE RIGHT. ROCKWELL INTERNATIONAL IS AT 4002 INDUSTRIAL PARK.

III. RESPONSIBLE PARTIES

01 OWNER (if known) ROCKWELL INTERNATIONAL		02 STREET (Business, mailing, residential) 4002 INDUSTRIAL PARK			
03 CITY CENTRALIA	04 STATE IL	05 ZIP CODE 62501	06 TELEPHONE NUMBER 618 532-1871		
07 OPERATOR (if known and different from owner) SAME AS ABOVE		08 STREET (Business, mailing, residential) " " "			
09 CITY " " "	10 STATE " "	11 ZIP CODE " "	12 TELEPHONE NUMBER " " "		

13 TYPE OF OWNERSHIP (Check one)

- ☒ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: _____ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

- ☐ A. RCRA 3001 DATE RECEIVED: 11/13/80 MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE SITE (RCRA 103 c) DATE RECEIVED: _____ MONTH DAY YEAR ☐ C. NONE
RCRA PART B

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input type="checkbox"/> YES DATE 6/23/89 MONTH DAY YEAR <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____	
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 1968 PRESENT BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN	
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED HEAVY METALS (PERSISTENT, TOXIC)			
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION GROUND WATER (POPULATION, ENVIRONMENT) SURFACE WATER (ENVIRONMENT)			

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

- ☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time available basis) ☒ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Renee Arnett		02 OF (Agency/Organization) ROCKWELL INTERNATIONAL		03 TELEPHONE NUMBER 618 532-1871	
04 PERSON RESPONSIBLE FOR ASSESSMENT DAN W. MORGAN		05 AGENCY EPA	06 ORGANIZATION RPAIS	07 TELEPHONE NUMBER 618 532-1503	08 DATE 8/28/89 MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
ILD 004626344

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply) A SOLID B POWDER, FINES C SLUDGE D OTHER (Specify) E SLURRY F LIQUID G GAS	02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent) TONS CUBIC YARDS NO OF DRUMS 500 gallons 10 drums	03 WASTE CHARACTERISTICS (Check all that apply) A TOXIC B CORROSIVE C RADIOACTIVE D PERSISTENT E SOLUBLE F INFECTIOUS G FLAMMABLE H IGNITABLE I HIGHLY VOLATILE J EXPLOSIVE K REACTIVE L INCOMPATIBLE M NOT APPLICABLE
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III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	500	GALLONS	SPILL

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
MES	OIL AND FAT SLUDGE (w/ CHROMIUM)	7440473	SPILL	127	mg/Kg
NOTE: 127 mg/Kg of Chromium represents a sample from CONTAMINATED WASTE AND NOT REPRESENTATIVE OF ENVIRONMENTAL CONCENTRATIONS. AN ANALYSIS OF THE SPILL MATERIAL INDICATED THE MATERIAL WAS NON-HAZARDOUS UNDER RCRA criteria.					

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references e.g., state files, sample analysis reports)

ALL INFORMATION WAS OBTAINED FROM ILPA, DIV OF LAND, DIV OF PUBLIC WATER, AND FROM ROCKWELL INTERNATIONAL SERVICES.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
TLD 064626344

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 <input type="checkbox"/> A GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION NONE DOCUMENTED OR OBSERVED	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input checked="" type="checkbox"/> B SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION THE CLOSEST SURFACE WATER TO THE SITE IS a tributary of CROOKED CREEK LOCATED APPROXIMATELY 1/2 mile west of the site. NO releases to SURFACE WATER HAVE DOCUMENTED OR OBSERVED.	POTENTIAL <input checked="" type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input checked="" type="checkbox"/> C CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION NONE DOCUMENTED OR OBSERVED	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input checked="" type="checkbox"/> D FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED: _____	02 <input checked="" type="checkbox"/> OBSERVED (DATE December 1987) 04 NARRATIVE DESCRIPTION During December 1987 a small fire occurred at press #22 when welders ignited some combustible material which consisted of oil, water, soap, plastic, and paper. According to Rockwell representatives, the fire was immediately put out using a nearby fire extinguisher.	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input checked="" type="checkbox"/> E DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION NONE DOCUMENTED OR OBSERVED. THE SITE IS SURROUNDED BY a secure fence AND HAS a 24 hour guard.	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input checked="" type="checkbox"/> F CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED: _____ (Acres)	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION ON December 13, 1985 a spill of 500 gallons of a oil/water mixture was released on the North parking lot when a tank's hose connection became loose. The spilled material was cleaned up and disposed of as non-hazardous in a landfill.	POTENTIAL <input checked="" type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input checked="" type="checkbox"/> G DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION The closest municipal water supply is Racoon Lake located upstream from the site. No observed releases to surface water or groundwater have been observed. ONLY RURAL RESIDENTS (LESS THAN 1000) UTILIZE GROUNDWATER AS A SOURCE OF DRINKING WATER.	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input type="checkbox"/> H WORKER EXPOSURE/INJURY 03 WORKERS POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION NONE DOCUMENTED OR OBSERVED	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>
01 <input type="checkbox"/> I POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED: _____	02 <input type="checkbox"/> OBSERVED (DATE _____) 04 NARRATIVE DESCRIPTION NONE DOCUMENTED OR OBSERVED	POTENTIAL <input type="checkbox"/> ALLEGED <input type="checkbox"/>



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IL 064626344

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NONE DOCUMENTED OR OBSERVED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NONE DOCUMENTED OR OBSERVED

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NONE DOCUMENTED OR OBSERVED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Soils runoff, leaking tanks, leaking drums)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

NONE DOCUMENTED OR OBSERVED

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NONE DOCUMENTED OR OBSERVED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NONE DOCUMENTED OR OBSERVED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

NONE DOCUMENTED OR OBSERVED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

NONE DOCUMENTED OR OBSERVED

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

ON JUNE 23, 1989 IEPA CONDUCTED A VISUAL SITE INSPECTION AT ROCKWELL INTERNATIONAL. SEE EXECUTIVE SUMMARY FOR DETAILS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

IEPA, Division of Land Files
IEPA, Division of Public Water
LSU's, WPP Records
PERSONAL INTERVIEW WITH ROGER ARNETT OF ROCKWELL INTERNATIONAL

VISUAL SITE INSPECTION REPORT

FACILITY VISUAL SITE INSPECTION FORM

Facility Name: ROCKWELL INTERNATIONAL EPA I.D. Number: ILDC64-626344
 Location Address: 4002 INDUSTRIAL TDD Number: _____
PARK, CENTRALIA, ILLINOIS 62801 WSTS Number: _____
 Facility Contact/Title: RENEE ARNETT, ENVIRONMENTAL ENGINEER
 Phone Number: (618) 532-1871
 Date of Inspection: 6-23-85 Time of Inspection: 10 6
 Weather: CLEAR 80°

Person(s) Interviewed

Organization

Title

<u>RENEE ARNETT</u>	<u>ROCKWELL INTERNATIONAL</u>	<u>ENV. ENGINEER</u>
<u>KENNETH HORSTMANN</u>	<u>ROCKWELL INTERNATIONAL</u>	<u>MAINTENANCE SUPERINTENDANT</u>
_____	_____	_____
_____	_____	_____

Inspector(s)

Organization

Title

<u>JOHN MORGAN</u>	<u>IEPA/RPMS</u>	<u>EFS</u>
<u>VENDY SCHAFFELBERGER</u>	<u>IEPA/EC-S</u>	<u>EFS</u>
_____	_____	_____

Facility Description: ROCKWELL INTERNATIONAL is a manufacturer AND supplier of reinforced fiberglass body components for the automotive AND TRUCK industry. The Facility is currently a generator of hazardous waste. The waste generated at the Facility is stored for less than 90 days in a drum storage AREA prior to off-site disposal.

SWMU No.: 1 Type: less than 90 day Drum Storage Area

Unit Description: WASTES Generated as a result of Rockwell International's manufacturing process is stored in the less than 90 day drum storage area prior to off-site disposal. The drum storage area occupies an area of approximately 61' x 220' (13,200 sq. ft.) and has a maximum drum capacity of 523 drums. The floor area of the drum storage area consist of an open 6" reinforced concrete pad.

Date of Start Up: July, 1982

Date of Closure: currently operational

Method of Closure: less than day drum storage area closure not required under RCRA regulations

Waste Description: PAINT (F005), FLAMMABLE LIQUID N.L.S. (F005, F003, D001), METHYLENE CHLORIDE (F002), ADHESIVE (D001), STYRENE MONOMER (D001), AND CHROMIC ACID (D002) ARE ALL GENERATED AND STORED FOR LESS THAN 90 DAYS prior to off-site disposal.

Evaluation Summary: NO RELEASES HAVE BEEN DOCUMENTED
OR OBSERVED FROM THE 90 DAY DRUM
STORAGE AREA. RCRA INSPECTIONS AT
THE FACILITY SHOULD CONTINUE AND
SOIL SAMPLING AROUND THE PERIMETER
OF THE PAD OF THE DRUM STORAGE
AREA SHOULD BE CONDUCTED AT
TIME OF CLOSURE.

Supporting Documentation

REFERENCE SHEET

- Reference 1 RCRA Part A Application
- Reference 2 August 9, 1989 correspondences between IEPA and Rockwell International.
- Reference 3 Incident Control Sheet relative to a spill that occurred at Rockwell International on December 13, 1985.
- Reference 4 Waste analysis of oil and pit sludge.
- Reference 5 Private well records

Source: Illinois EPA, Division of Land
Illinois EPA, Division of Public Water
Illinois EPA, Office of Chemical Safety
Illinois State Water Survey
Rockwell International

FORM 1
GENERAL



ENVIRONMENTAL PROTECTION AGENCY

GENERAL INFORMATION

Consolidated Permits Program

(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER

F I L D 6 4 6 2 6 3 4 4

GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

REFERENCE NUMBER 01

ILDU64626344

I. EPA I.D. NUMBER

II. FACILITY NAME

III. FACILITY MAILING ADDRESS

VI. FACILITY LOCATION

ROCKWELL INTERNATIONAL CORP
PO BOX 588
CENTRALIA, IL 62801

INDUSTRIAL PARK HWY 51
CENTRALIA, IL 62801

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	X		X
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X		X
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	
B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

III. NAME OF FACILITY

1 SKIP ROCKWELL INTERNATIONAL PLASTICS DIV

IV. FACILITY CONTACT

A. NAME & TITLE (last, first, & title)		B. PHONE (area code & no.)	
2	LOVETT RICHARD PROJECT ENG.	618	532 1871

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX		B. CITY OR TOWN	C. STATE	D. ZIP CODE
3	P.O. BOX 588	4	CENTRALIA	IL 62801

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER		B. COUNTY NAME		C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE (if known)
5	4002 INDUSTRIAL PARK	6	MARION	CENTRALIA	IL	62801	121

II. SIC CODES (4-digit, in order of priority)

A. FIRST				B. SECOND			
7	3	0	7	7	3	0	7
(specify) GLASS FIBER REINFORCED PLASTICS				(specify) PLASTIC AUTO PARTS			
C. THIRD				D. FOURTH			
7	3	0	7	7			
(specify) PLASTIC PRODUCTS				(specify)			

Continued from the front.

III. PROCESSES (continued)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

IV. DESCRIPTION OF HAZARDOUS WASTES

- A. EPA HAZARDOUS WASTE NUMBER — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.
- B. ESTIMATED ANNUAL QUANTITY — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.
- C. UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS.....	P	KILOGRAMS.....	K
TONS.....	T	METRIC TONS.....	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking i account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

- For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.
- For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.
- Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

- Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B,C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
- Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES							
	1. PROCESS CODES (enter)						2. PROCESS DESCRIPTION (if a code is not entered in D(1))							
X-1	K	0	5	4	900	P	T	0	3	D	8	0		
X-2	D	0	0	2	400	P	T	0	3	D	8	0		
X-3	D	0	0	1	100	P	T	0	3	D	8	0		
X-4	D	0	0	2										included with above

CONTINUE ON REVERSE

IV. DESCRIPTION OF HAZARDOUS WASTE (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

EPA I.D. NO. (enter from page 1)

9	8	7	6	5	4	3	2	1	T/A	C
F	I	L	D	0	6	4	6	2	6	3
1	2	3	4	5	6	7	8	9	10	11

V. FACILITY DRAWINGAll existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail). **F6: A/55****VI. PHOTOGRAPHS**All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail). **F6: A/56****VII. FACILITY GEOGRAPHIC LOCATION**

LATITUDE (degrees, minutes, & seconds)

LONGITUDE (degrees, minutes, & seconds)

3	8	2	9	4	0	0
65	66	67	68	69	70	71

0	8	9	0	8	5	0	0
72	73	74	75	76	77	78	79

VIII. FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code & no.)

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)
Robert F. Swift - Division Vice
Pres. & General Mgr.

B. SIGNATURE

Robert F. Swift

C. DATE SIGNED

11/13/80

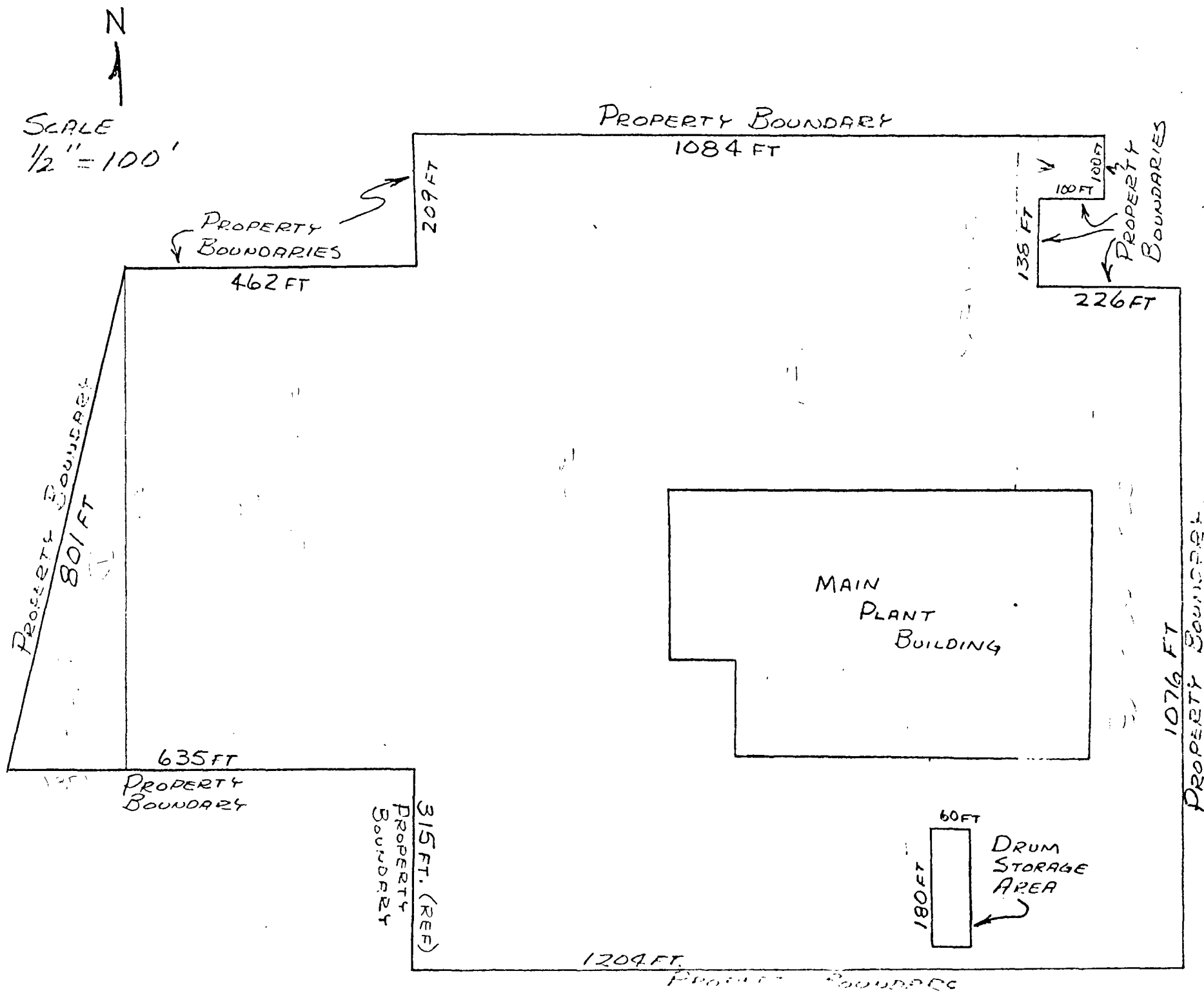
X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED



Rockwell International Corporation
Plastic Products Businesses
4002 Industrial Park
Route 6, Box 151
Centralia, Illinois 62801

(618) 532-1871



Rockwell
International

REFERENCE NUMBER 02

Mr. John Morgan
Project Manager
Remedial Project Management Section
DIVISION OF LAND POLLUTION CONTROL
2200 Churchill Rd.
P. O. Box 19276
Springfield, IL 62794-9276

Dear John:

Listed below is the information you requested in the letter dated July 25, 1989.

1. The 43 acres (450,000 sq. ft.) facility in Centralia, IL was purchased by Rockwell International from *Morrison Fiberglass* in 1968.
2. The closed drum storage area was operated as a RCRA hazardous waste storage area from 1980 to 1983.

A RCRA Part A was submitted for this area in the event that it became necessary to store drums for more than 90 days. This facility in practice operated as 90 day storage area. There were no spills in this area, and the hazardous waste drum storage area was closed on July 31, 1983 following the EPA approved Closure Plan. The closure was certified by William Rose PE 6233102. The former storage area was 12,000 sq. ft. and had the capacity to store 738 drums. The base was constructed of limestone rock. After closure, this area was used as a 90 day generator storage area until 1988.

The area is currently used as a parts storage warehouse.

3. The current drum storage area is 60'x 220' (13,200 sq.ft.). It is an open 6" reinforced concrete pad. It has been in operation as a storage area since July 1988. The maximum drum capacity is 523 drums. There have been no spills to date.
4. The spill of 500 gallons of oil/water mixture occurred on December 13, 1985 when mixture was being pumped from the wastewater press pit collection-system. The mixture was being transferred to a tank truck in the north parking lot when a tank's hose connection came off. The transfer operations were stopped and absorbent material was used to contain and cleanup the spill. The spill was confined to the parking lot surface, and immediately cleaned up by Rockwell personnel. (See attached map.)

5. A fire occurred on Press #22 during the 1987 Christmas shutdown. Welders working on Press #22 carelessly allowed a spark to ignite some combustible material in the bottom of the pit. The combustible material was comprised of oil, water, scrap plastic, and paper. The fire was immediately put out using a nearby fire extinguisher. (See attached map.)

The attached map shows the location of the press pit fire and oil spill. If you have any additional questions please feel free to contact us as required.

Sincerely,

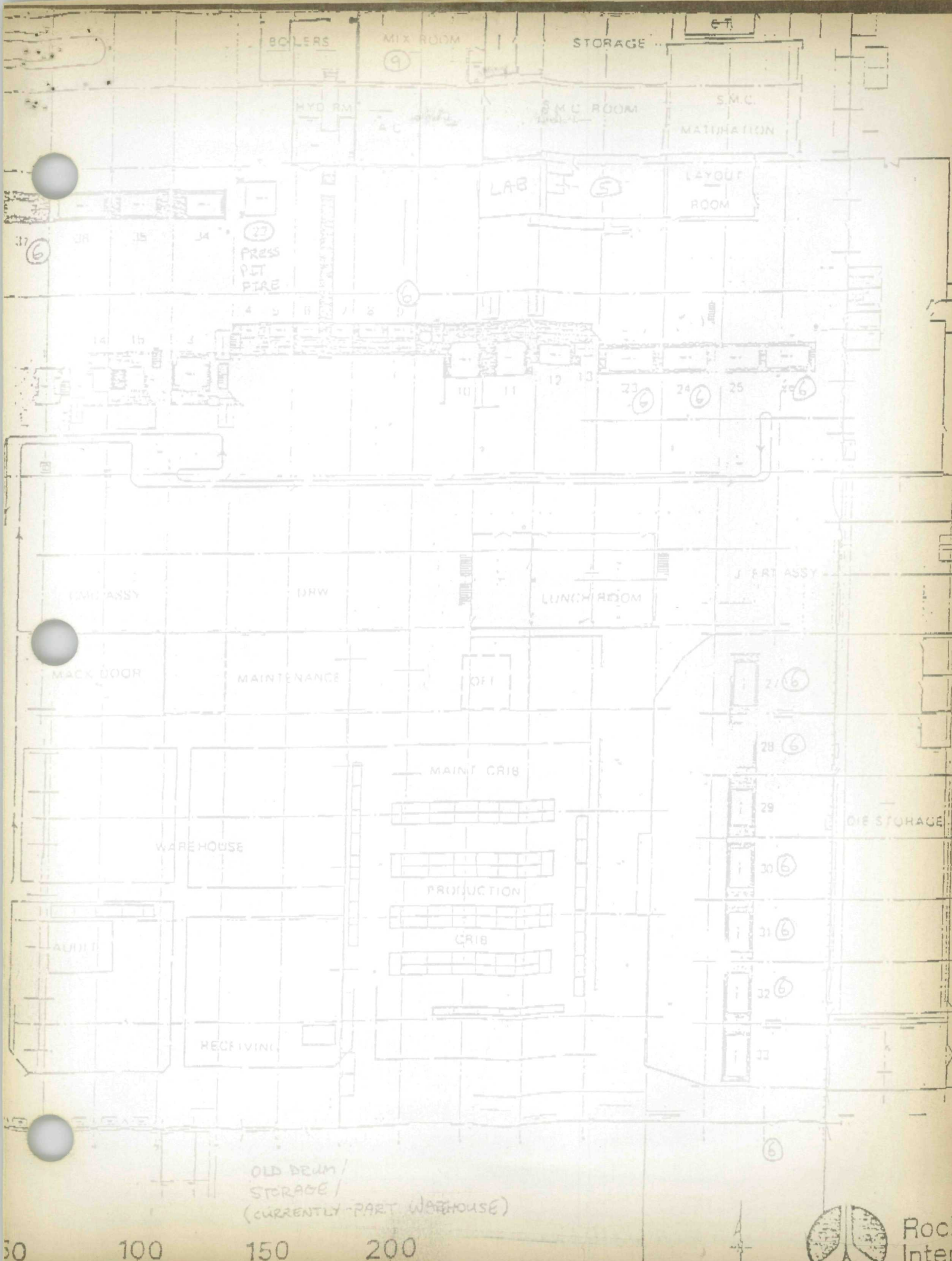
ROCKWELL INTERNATIONAL
PLASTIC PRODUCTS BUSINESSES



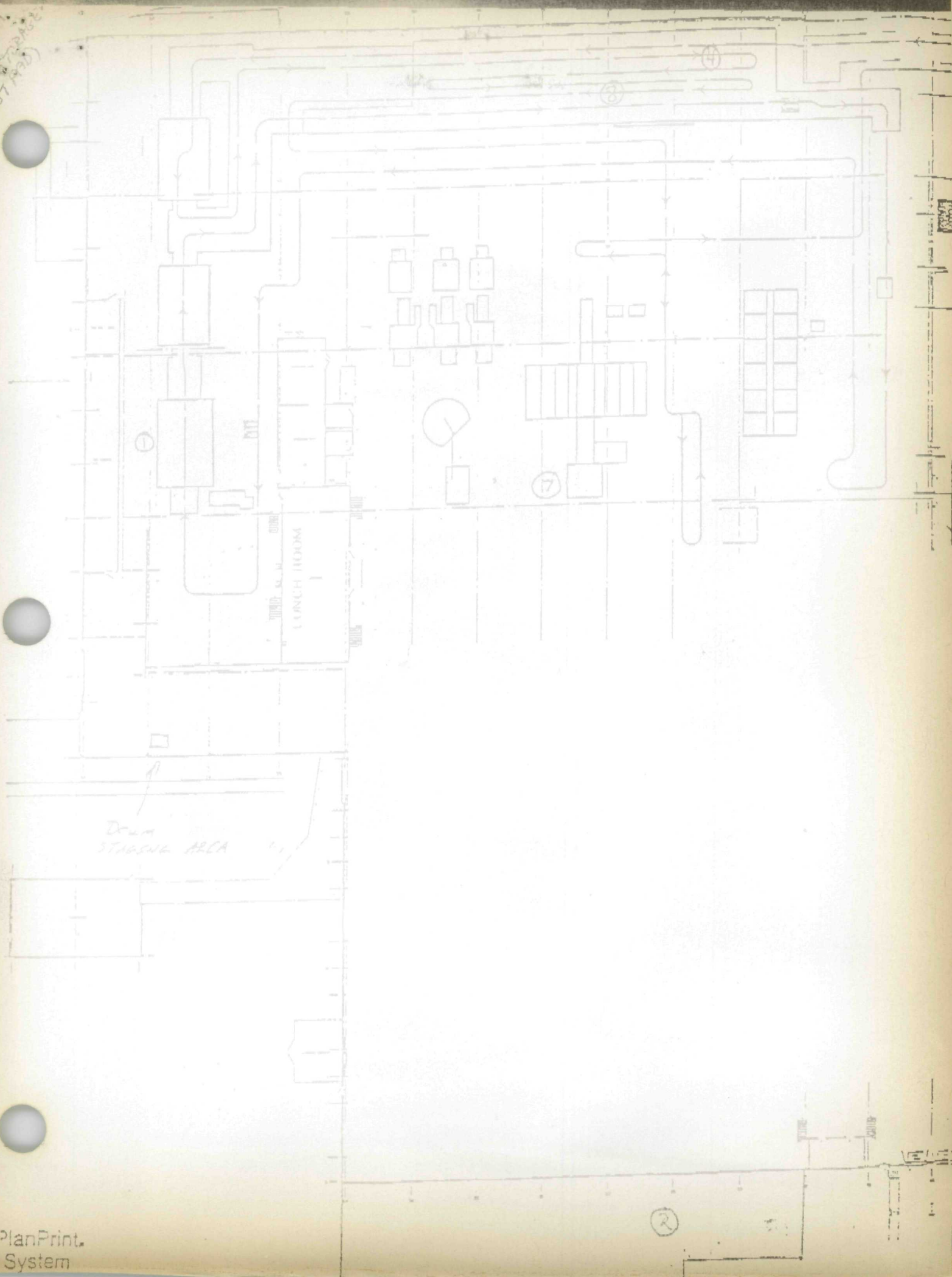
Renee D. Arnett

Attachment: (Map)

cc: W. Broadwater
J. Hojnacki
K. Horstmann
T. DeFouw - Troy



ARCTIC
SUM
QUEST (200)



INSTRUCTIONS: COMPLETE NAME AND LOCATION OF RECEIVER, SENDER AND THOSE RECEIVING COPIES.

RECEIVER

John Morgan
Illinois EPA

MAGNAFAX NO TO CALL

317-524-4193

FROM

Renee Arnett
RI Centralia

MESSAGE

John,

Sorry for the delay. Could you call
me @ (618) 532-1871 when you
receive this.

Thanks.

Renee Arnett

DO NOT WRITE BELOW THIS LINE

FOR TELEX USE ONLY

DATE SENT

SENT BY

A-4000-2-452-A



Illinois Environmental Protection Agency . P.O. Box 19276, Springfield, IL 62794-9276

217/782-6761

July 24, 1989

Rockwell International Corporation
4002 Industrial Park
Route 5, Box 151
Centralia, IL 62801

Attn: Renee Arnett

Dear Renee:

Pursuant to our telephone conversation July 20, 1989, I am requesting information relative to the following questions: (1) The approximate size of land the Rockwell Facility operates on, property ownership, and date initial operation began; (2) The years the older closed drum storage area operated, its dimensions, type of secondary containment if any, construction of the floor area, drum capacity, spill history, results of soil sampling during closure, and the current use of the area that replaced it; (3) The same questions as in question 2 for the drum storage area that is currently in use; (4) A diagram illustrating where the 500 gallon hydraulic oil spill of December 13, 1985 initiated, extent of migration, and corrective action implemented during cleanup; (5) The date, cause, and location of the fire that occurred at Press #22.

The information generated from the above questions will be incorporated in a final report which will be made available to Rockwell International after the USEPA has reviewed and released its contents. Your cooperation in this matter is appreciated.

Sincerely,

John W. Morgan, Project Manager
Remedial Project Management Section
Division of Land Pollution Control

JWM:pss

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
EMERGENCY RESPONSE UNIT

INCIDENT CONTROL SHEET

REFERENCE NUMBER 03

NOTIFICATION INFORMATION

DATE: <u>12/14/85</u>	TIME: <u>8:26 AM</u>	DUTY OFFICER: <u>J. SUBSITS</u>
TYPE OF INCIDENT: <u>HYDRAULIC OIL FROM PUMP</u>		REFERENCE CITY: <u>CENTRALIA</u>
COUNTY: <u>MARION</u>	LOCATION: <u>4002 INDUSTRIAL PARK</u>	
CALLER: <u>TERRY HENSEN (ROCKWELL INTERNATIONAL)</u>		RELAY FROM: <u>ESDA</u>
CALL BACK NUMBER: <u>(618) 532-1871 EXT. 266</u>	CONTACT PERSON: <u>TERRY HENSEN</u>	

GENERAL INFORMATION

MATERIAL INVOLVED: <u>HYDRAULIC OIL</u>	PHYSICAL STATE: <u>LIQUID</u>
AMT. RELEASED: <u>500 GAL.</u>	RATE OF DISCHARGE:
CONTAINER AND SIZE:	
LIABLE PARTY: <u>ROCKWELL INTERNATIONAL</u>	CONTACT PERSON: <u>TERRY HENSEN</u>
ON SCENE COORDINATOR:	CONTACT NUMBER: <u>(618) 532-1871 EXT. 266</u>

NATURE OF EMERGENCY

FIRE ☐ EXPLOSION ☐ HUMAN HAZARDS ☐ ENV. PROBLEMS: WATER ☐ AIR ☐ LAND ☐ PWS ☐

ACTION TAKEN: AT APPROXIMATELY 11:00 PM ON 12/13/85,
ABOUT 500 GALLONS OF HYDRAULIC OIL
SPILLED FROM A PUMP AT THE ROCKWELL
INTERNATIONAL FACILITY IN CENTRALIA, MO.

ASSISTANCE NEEDED, RECOMMENDATIONS, AND COMMENTS: HENSEN INFORMED ME
THAT THE SPILL OCCURRED ON THE
FACILITY PARKING PAD.

NOTIFICATION: ESDA ☒ SFM ☐ CONSERVATION ☐ MINES & MINERALS ☐ PUBLIC HEALTH ☐ ISP ☐ MSD ☐
COOK CO DEC ☐ USEPA ☐ USCG ☐ USFW ☐ ORSANCO ☐
LOCAL FIRE DEPT ☐ LOCAL POLICE DEPT ☐ BORDERING STATE(S) _____ OTHER _____

IEPA NOTIFICATION

IEPA	DAPC <input type="checkbox"/>	DWPC <input type="checkbox"/>	DLPC <input type="checkbox"/>	DPWS <input type="checkbox"/>	ENF <input type="checkbox"/>	MPC <input type="checkbox"/>	DLS <input type="checkbox"/>	ERU <input type="checkbox"/>	DIR OFF <input type="checkbox"/>
NAME:					NAME:				
NAME:					NAME:				
NAME:					NAME:				
NAME:					NAME:				
FOLLOW UP INVESTIGATION YES <input type="checkbox"/> NO <input type="checkbox"/> NAME OF INVESTIGATOR:									
WRITTEN REPORT NEEDED YES <input type="checkbox"/> NO <input type="checkbox"/> DATE REPORT REC'D:									

IEPA/OTHER PERSONNEL ON SCENE

SIGN

651214

LOG OF EVENTS

TIME	
9:30AM	ROCKWELL INTERNATIONAL IS CLEANING THE SPILL W/ AN ADSORBANT. I TOLD MR HENSON THAT HE SHOULD CONTACT ME BEFORE THE SPENT ADSORBANT GETS TRANSPORTED.
	NO WATERWAYS AFFECTED.
12-16-85	Terry Henson (Rockwell) → ERU Free oil pumped into waste oil pits for recycling through their normal treatment process - Contaminated dirt being shoveled up - to be taken to Industrial Services Landfill in Centralia under permit #831461 → I told Terry I would need to check with Permits section to see if that permit # would be ok - will call him back
	RF → Jim Moore Jim stated permit #831461 was for liquid hydraulic oil only and was for about 20 yd ³ annually. Also no permits could be issued to that landfill since they did not have financial responsibility statements in to agency - closest is Dibel site in Effingham, (217) 342-3747 or (217) 342-3713
	RF → Terry Henson Relayed info on soil disposal
	Richard Dibel → RF Need Permit 217/342-3713
	Rockwell International RR #1 Box 151 4002 Industrial Park Road Centralia, IL 62801 Terry Henson (618) 532-1871 x28
	Spill site same as above
	651214 ISSUED 12-16-85 100 yd ³ dirt contaminated w/ hydraulic oil Expires 1-16-86 Non-Hazardous to Dibel #35 trench disposal Chris Linkman/RF/R Dibel's secretary Material being hauled by Industrial Salvage

LOGNUM	DATE	CITY	MATERIAL	LOCATION	LIABLE
0	12/14/85	Centralia	Hydraulic Oil	4002 Industrial Park	
0	07/21/86	Centralia	Hydrochloric acid	Centralia RR Yard	Penwalt Corp
0	12/03/84	Centralia	#2 Fuel Oil	800 S. Brookside	Central Petroleum Company
0	01/16/86	Centralia	Pesticides	Raccoon Consolidated School	
0	01/31/86	Centralia	Crude Oil	S32 T2N R1E	Sohio
0	02/27/86	Centralia	Crude Oil	Sec 1, 1N, 1W, Brookside Township	Sohio Pipeline
0	01/16/86	Centralia	Crude Oil	sec.1 1N 1W	Oil Tech. Group
0	05/05/85	Centralia	Anhydrous ammonia	US 51 South of Centralia	Mako
0	05/29/85	Centralia	Gasoline (regular)	Walnut Hill Road	Piasa Oil Tran.
0	04/29/85	Centralia	Unknown	RR 1 4 mi S of Hiway 50 on Salmaville RD	
0	12/28/84	Centralia	Crude Oil	S 28 T1N R2E	Texas Pipeline
0	07/31/84	Centralia	Gasoline	638 W. Broadway & Pullen	Speedway Petro.
0	10/18/83	Centralia	Gasoline - Underground	1200 Block N Poplar-Centralia & Central	
0	06/17/83	Centralia	PCB	Murray Developmental Center	Il. Dept. Mental Health
0	08/17/83	Centralia	PCB Fluid	14th & Maple Sts	Illinois Power
0	05/12/82	Centralia	Solvents, adhesives	418 North Oak	Maaco Milling
0	08/13/82	Centralia	Gasoline	W. Broadway & Pullam	Speedway Petroleum
0	06/27/82	Centralia	sulfur Chloride	RR yard N end of Town	Southern RR
0	09/10/81	Centralia	Fire	fire in old landfill at Centralia	Old Landfill
0	08/27/81	Centralia	Crude Oil	Rt.6 S of 161 and W of I-57	
0	03/12/81	Centralia	Fuel Oil #5	ICG yard - Madison St	ICG RR
0	01/21/81	Centralia	PCB	Po 370 NE Centralia	Bernard Lusch
0	07/13/80	Centralia	Crude Oil	Lake Centralia	Texaco City Service
0	06/05/80	Centralia	Diesel Fuel	700 Norman St	Seip Service & Supply
0	03/18/80	Centralia	Fuel Oil #4	south Brookside Rd Central Petro Co.	Central Petroleum Co
0	01/10/80	Centralia	Ammonia	Hollywood Candy Co Calumet & Chestnut St	Hollywood Candy
0	01/16/79	Centralia	Fuel Oil #6	836 S Chestnut	Central Petroleum
0	07/15/79	Centralia	Acrylonitrile		
0	10/29/78	Centralia	Naptha	Valley Steel	Bxxon Chemical Co
0	07/15/79	Centralia	Anhydrous Ammonia		W.R. Gayne
0	02/27/78	Centralia	Fuel Oil	Burlington Northern RR coal Train	Burlington Northern RR
0	11/22/75	Centralia	Scrap Fiber Glass	1011 Marion St dump	Mr. Johnson Bla
872054	12/27/87	Centralia	Polyester resin(unsaturat	Box 784 S on Rt 51 in Centralia PK	Swan Corp
860258	09/29/86	Centralia	Sludge	SE of town by Airport	
860481	12/01/86	Centralia	Solvent	Elmwood Cemetary	
880933	07/17/88	Centralia	Gasoline	900 South Locust	Shell Oil
881363	10/14/88	Centralia	Oil (waste)	Airport-Airport Road	City of Centralia
881679	12/19/88	Centralia	Gasoline	1001 West Broadway	BCW, Inc.
890009	01/04/89	Centralia	Gasoline	625 North Elm	Clark Oil Company
890114	01/20/89	Centralia	degreaser	Broadsite Avenue	Plastiflex Corporation
890284	02/22/89	Centralia	Gasoline (regular)	Pulman & Broadway	Keller Oil
890694	04/29/89	Centralia	Gasoline	638 West Broadway	Enro Marketing Co.

Page 1
Received: 11/01/88

EEI

REPORT

Work Order 88-11-007

11/18/88 17:10:46

REPORT ROCKWELL INTERNATIONAL
TO 4002 INDUSTRIAL PARK
ROUTE 5, BOX 151
CENTRALIA, ILLINOIS 62801
ATTEN TERRY HENSON

PREPARED ENVIRONMENTAL ENTERPRISES INC
BY 10147 Springfield Pike
Cincinnati, Ohio 45215

ATTEN Wayne Collier
PHONE (513) 772-2818

CERTIFIED BY Wayne Collier

CONTACT L BARLOW

CLIENT ROCK3 SAMPLES 1
COMPANY ROCKWELL INTERNATIONAL
FACILITY CENTRALIA

Enclosed are the results of specified samples submitted for analyses. If you have any questions please use "LAB #" for faster identification.

OHIO EPA CERTIFICATION: CHEMICAL 4095

WORK ID OIL & PIT SLUDGE
TAKEN BY CUSTOMER
TRANS DELIVERED
TYPE LIQUID
P.O. # CE 35926-12780
INVOICE under separate cover

SAMPLE IDENTIFICATION
01 OIL & PIT SLUDGE

TEST CODES and NAMES used on this report

AG	SILVER
AS	ARSENIC
BA	BARIUM
CD	CADMIUM
CR	CHROMIUM
CREP	CHROMIUM EP
DIG	DIGESTION
HG	MERCURY
IGNIT	IGNITABILITY
PB	LEAD
PBEP	LEAD EP
PFT	PAINT FILTER TEST
SE	SELENIUM

5/31/89
Per J. Meister need
spectrometer & TOX
testing to complete
for submitted to
EPA for Perry County
permitting

REFERENCE NUMBER 04

TEST CODE default units	Sample 01 (entered units)
AS	0.90
mg/l	mg/kg
AS	1.950
mg/l	mg/kg
BA	64.0
mg/l	mg/kg
CD	0.95
mg/l	mg/kg
CR	127
mg/l	mg/kg
CREP	<.05
mg/l	
HG	<.02
mg/l	mg/kg
IGNIT	neg
.	
PB	9.00
mg/l	
PBEP	<.10
mg/l	
PFT	pass
.	
SE	0.60
mg/l	mg/kg

Layout of Private Well Data file (91 column format)

Cols	Field length	Name
1-3	3	FIPS
4-8	5	SGS County number
9-18	10	Location

19-48	30	Owner
49-68	20	Driller
69-75	7	Date
76-81	6	Permit number
82-85	4	Depth
86-89	4	Record type

90-91	2	Well type
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Description

REFERENCE NUMBER

05

County code number

Township cols 9-11
Range cols 12-14
Section cols 15-16
Plot cols 17-18

Month cols 69-70
Day cols 71-72
Century col 73
Year cols 74-75

Indicates type of paper record(s)
information was taken from

L Log
A Affidavit
C Chemical
I Inventory
X Indicates comment in owner field
something unusual

A two letter code indicating the
type of well

CM Commercial
CO Conservation
DO Domestic
IN Industrial
IR Irrigation
MU Municipal
OB Observation
PK Park
SC School
ST State
DU Dug

Clin County (027) Thu Jun 15 14:27 1989

Wells Township
23 01N01W

027	01N01W041DL	SMITH	C KOHNEN	081097403017037	L	DO
027	01N01W044HC	MOEBLE	C KOHNEN	020697402212850	L	DO
027	01N01W045HM	MOEHLE	C KOHNEN	040798210283536	L	DO
027	01N01W058HL	PUETER	C KOHNEN	041197201413730	L	DO
027	01N01W085CC	MERTEN	C KOHNEN	100197302112634	L	DO
027	01N01W086HH	W LANGE	C KOHNEN	092597503972333	L	DO
027	01N01W094HC	ROPER	C KOHNEN	122797706951632	L	DO
027	01N01W096GH	WESSEL	C KOHNEN	042898109929039	L	DO
027	01N01W097ED	HUGO	C KOHNEN	072697807652431	L	DO
027	01N01W097ED	HUGO	C KOHNEN	080397604992124	L	DO
027	01N01W105CG	HEMKER	C KOHNEN	061298713124131	L	DO
027	01N01W11	J E DAVIS	O KINMAN	0000949	75 L	DO
027	01N01W125DG	ALLISON	C KOHNEN	110297909096630	L	DO
027	01N01W141DE	VOST	C KOHNEN	090396900552626	L	DO
027	01N01W146DS	W MC GEE	C KOHNEN	082597807771930	L	DO
027	01N01W146EW	C MARKBY	C KOHNEN	090397403199938	L	DO
027	01N01W16			0000922	8 L	DO
027	01N01W18	F W KLEINE	H RUTHERFORD	0000954	1376L	DO
027	01N01W197HT	MICHAEL	C KOHNEN	122797504321325	L	DO
027	01N01W20	F TOEDTE	GWIN DRILLING	0000966	65 L	DO
027	01N01W208BL	SWARTZLANDER	C KOHNEN	090298310890532	L	DO
027	01N01W233AA	WALE	C KOHNEN	120596800530624	L	DO
027	01N01W24			0000921	14 L	DO

Lon county (121) Thu Jun 15 14:19:31 1989

Wells Township

62 01N01E
98 02N01E

121	01N01E		0000913	5	L	DO
121	01N01E	STATE OF ILLINOIS	0502980	14	A	CM
121	01N01E	STATE OF ILLINOIS	0502980	14	A	CM
121	01N01E	STATE OF ILLINOIS	0502980	14	A	CM
121	01N01E	STATE OF ILLINOIS	0502980	14	A	CM
121	01N01E011GB	PHILLIPS	C KOHNEN	111498009719841	L	DO
121	01N01E018DG	NEATHAMER	C KOHNEN	063097101136434	L	DO
121	01N01E02	W O SUTHERLAND	KELLEY DRILLING CO	0000965	105	L DO
121	01N01E04	S WILSON	KELLEY DRILLING		41	L DO
121	01N01E05	D RICHARDSON	P G KELLEY	0000961	116	L DO
121	01N01E05	R M GARNIER	C E BRADY		60	L DO
121	01N01E081CJ	JSANDER	C KOHNEN	100396900559228	L	DO
121	01N01E09			0000921		L DO
121	01N01E09			0000921	20	L DO
121	01N01E09	A B MC WILLIAMS	KELLEY	0000965	40	L DO
121	01N01E09	J MOUNT	E C BAKER	0000965	23	L DO
121	01N01E09	J MOUNT	E C BAKER	0000965	23	L DO
121	01N01E09	J MOUNT	E C BAKER	0000965	23	L DO
121	01N01E09	J MOUNT	E C BAKER	0000965	23	L DO
121	01N01E09	R DAVIS	KELLEY	0000965	43	L DO
121	01N01E09	R DE BERNARDI	A G KELLEY	0000960	40	L DO
121	01N01E09	R PARKINSON	A G KELLEY		34	L DO
121	01N01E091CS	R NOLL	S F WOODWARD	0629969007651100	L	DO
121	01N01E094AJ	DUNBAR	C KOHNEN	103197000955027	L	DO
121	01N01E097BJ	E HANNIG	C KOHNEN	061798009420240	L	DO
121	01N01E098AV	SANDERS	C KOHNEN	042897101069322	L	DO
121	01N01E10	J MOUNT	E C BAKER	0000965	32	L DO
121	01N01E10	R JOHNSON	A G KELLEY DRILLING	0000963	23	L DO
121	01N01E108DR	L HOMANN	C KOHNEN	111897000970622	L	DO
121	01N01E108FR	DALTON	C KOHNEN	062697000855330	L	DO
121	01N01E11	C FORD	A G KELLEY		90	L DO
121	01N01E11	J B GOULD	A G KELLEY	0000961	50	L DO
121	01N01E11	O WUTZLER	L F WOODWARD	000097000963660	L	DO
121	01N01E11	R E JUSTIN	KELLEY	0000965	120	L DO
121	01N01E117EO	WUTZLER	L F WOODWARD	052097000963660	L	DO
121	01N01E128DM	J USSREY	L F WOODWARD	060398310719078	L	DO
121	01N01E13	K CLARK	C KOHNEN	091296700276432	L	DO
121	01N01E13	W STROUP	ELLIS AND HINKLE	0000941	150	L DO
121	01N01E14	R BRYANT	C KOHNEN	112096700316170	L	DO
121	01N01E148GM	E WOLZ	C KOHNEN	082897302018130	L	DO
121	01N01E15	J MOUNT	E C BAKER	0000965	32	L DO
121	01N01E18	IL DEPT OF TRANSPORTATION		0425985	18	A CM
121	01N01E192CB	MC DONALD	L F WOODWARD	05129831065975	L	DO
121	01N01E193BB	MC DONALD	L F WOODWARD	071098210394350	L	DO
121	01N01E20	ILLINOIS POWER CO	KELLEY	0000966	80	L CM
121	01N01E201HJ	D WRAPE	C KOHNEN	011698109815616	L	DH
121	01N01E228DC	A HUFF	C KOHNEN	031797201382324	L	DO
121	01N01E234DE	KUGEL	C KOHNEN	122396900752928	L	DO
121	01N01E241BK	CARTER	C KOHNEN	031197000779242	L	DO
121	01N01E26	M SCHWARTZ	A G KELLEY	0000963	140	L DO
121	01N01E261HJ	LAVIN	C KOHNEN	022297705694918	L	DO
121	01N01E267GJ	J LAVIN	L F WOODWARD	0518977061021109	L	DO
121	01N01E268HR	C NIEPOETTER	C KOHNEN	101197504341531	L	DO
121	01N01E28	C O HITE	C E BRADY		145	L DO
121	01N01E28	CO HITE	C E BRADY		145	L DO
121	01N01E28	CO HITE	C E BRADY		145	L DO

121 01N01E267GJ J LAVIN
121 01N01E268HR C NIEPOETTER
121 E28 C O HITE
121 E28 CO HITE
121 01N01E28 CO HITE
121 01N01E318FB JOHNSON
121 01N01E33 A TATE
121 01N01E335EH SMITH
121 01N01E357AC BURTON
121 01N01E364GE D STOVER
121 01N01E366DR WIEGEL

L F WOODWARD
C KOHNEN
C E BRADY
C E BRADY
C E BRADY
C KOHNEN
KELLEY
C KOHNEN
C KOHNEN
L F WOODWARD

0518977061021109 L DO
1197504341531 L DO
145 L DO
145 L DO
38 L DO
051197706051706 L DH
0000964 60 L DO
060597908622324 L DO
090398009545834 L DO
112397504329140 L DO
1114965 15 C DO

121	02N01E		0000091	25	L	DO
121	02N01E014HROBISON		0302934	16	L	DO
121	02N01E018BF R BEANE	L F WOODWARD	060397604753960		L	DO
121	02N01E018CJ BAIRD	C KOHNEN	060797201489130		L	DO
121	02N01E021AG F JETT	G F JETT	0000913	16	L	DO
121	02N01E024HS DAVIDSON		0223934	16	L	DO
121	02N01E026AC ADAMS	C KOHNEN	021197201356624		L	DO
121	02N01E028HG HICKS		0302934	18	L	DO
121	02N01E03 E NEEDHAM		0302934	27	L	DO
121	02N01E03 G GUTZLER		0228934	18	L	DO
121	02N01E03 R ROBINSON		0323934	23	L	DO
121	02N01E04 A H MASON		0000926	16	L	DO
121	02N01E04 E CHAPPEL		0221934	20	L	DO
121	02N01E04 F STIEN	ROBISON	0000884	12	L	DO
121	02N01E04 L KENNEDY	L KENNEDY	0000931	16	L	DO
121	02N01E04 T J KENNEDY		0221934	23	L	DO
121	02N01E04 W SEIDEL		0221934	25	L	DO
121	02N01E05 E SHOTTER		0208934	26	L	DO
121	02N01E05 SOUTHWESTERN OIL CO	SOUTHWESTERN OIL CO	0000914	120	L	DO
121	02N01E05 T ANDERSON	T ANDERSON	0000858	37	L	DO
121	02N01E05 W LAMMERS	G LAMMERS	0000913	9	L	DO
121	02N01E056AC M LEMKE	L F WOODWARD	092597001073680		L	DO
121	02N01E06 B HAGADORN	B HAGADORN	0000912	32	L	DO
121	02N01E06 F BOHNER	F BOHNER	0000899	27	L	DO
121	02N01E065AR HARDY	C KOHNEN	081798411410128		L	DO
121	02N01E07 E A SEIDEL	E A SEIDEL	0000916	24	L	DO
121	02N01E07 H CRUSE		0228934	30	L	DO
121	02N01E08 F DE GUYEN		0000864	20	L	DO
121	02N01E08 F OSTRODKA		0000916	17	L	DO
121	02N01E09 J CHAFFIN	J CHAFFIN	0000914	27	L	DO
121	02N01E09 J KISILLIA	J KISILLIA	0000922	27	L	DO
121	02N01E098HD DARLING	C KOHNEN	060497402920929		L	DO
121	02N01E10 E GREER		0302934	14	L	DO
121	02N01E10 MEREDITH	HERD	0308934	34	L	DO
121	02N01E101CR L MEREDITH	C KOHNEN	051593408498830		L	DO
121	02N01E111FE KELLY		0308934	20	L	DO
121	02N01E116AL SUMMERVILLE	HENDRIKS	0000864	25	L	DO
121	02N01E118FJ LUSH	SUMMERVILLE	0302934	26	L	DO
121	02N01E122AB YOUNG	B YOUNG	0000931	20	L	DO
121	02N01E13 F SEIP		0309934	18	L	DO
121	02N01E13 J I AUSTIN		0308934	50	L	DO
121	02N01E141BL HARVILLE	C KOHNEN	081198110068059		L	DO
121	02N01E15 E DAGGETT		0316934	17	L	DO
121	02N01E15 H N WOODWARD		0316934	24	L	DO
121	02N01E16 I ROSS		0314934	25	L	DO
121	02N01E161AL OSTRODKA	C KOHNEN	090697807690040		L	DO
121	02N01E162HD FARK	C KOHNEN	110398009511950		L	DO
121	02N01E162HD FARK	L F WOODWARD	0814940095497110		L	DO
121	02N01E166AA 15AAK	C KOHNEN	050596900583528		L	DO
121	02N01E17 ERWIN	ERWIN	0000931	19	L	DO
121	1212739802N01E172AC SPEISER	C KOHNEN	043098713102230		L	DO
121	02N01E18 J L NICOLAY	CHANDLER	0000914	42	L	DO
121	02N01E186AJ ANDERSON	C KOHNEN	083197908870827		L	DO
121	02N01E19 H C ROCKWELL		0329934	18	L	DO
121	02N01E19 ISWS		0722975	64	C	DO
121	02N01E19 ISWS	LAYNE WESTERN	0000975	64	C	DO
121	02N01E19 SANDOVAL BANK		0329934	20	L	CM
121	02N01E20 F OVERBECK	F OVERBECK	0000925	14	L	DO
121	02N01E20 T MURPHY		0329934	20	L	DO
121	02N01E21 B KOHLING		0329934	14	L	DO
121	02N01E21 M AUSTIN	M AUSTIN	0000931	22	L	DO
121	02N01E211AS TRYOR	L F WOODWARD	082198411218775		L	DO
121	02N01E212RM SMITH	C KOHNEN	081198310354440		L	DO

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121      02N01E21 B KOHLING
121      02N01E21 M AUSTIN
121      02N01E211AS PRYOR
121      02N01E212BM SMITH
121      02N01E215HSHATTUC LUMBER CO
121      02N01E227HG QUICK
121      02N01E228EV CASE
1212704602N01E234AR MALAN
121      02N01E234AW HORTON
121      02N01E24 G PIG
1212741002N01E241GG MILLER
121      02N01E242HR HARDY
121      02N01E248CH H BROWNFIELD
121      02N01E252HD BURGE
121      02N01E253GC TATE
121      02N01E256HC D TATE
121      02N01E261AG B QUICK
121      02N01E261AT INGLES
121      02N01E264HE H LUSCHE
121      02N01E272HD TIPPIT
121      02N01E284HE SULLIVAN
121      02N01E286EW LYONS
121      02N01E287EC F LYONS
1212740902N01E288BA KING
121      02N01E29
121      02N01E291CR J HARNDEN
121      02N01E327AJ H BUNTZ
121      02N01E327EJ OVERBECK
121      02N01E331EC VOSS
121      02N01E341AA BIAGI
121      02N01E351FJ CHAPPELL
1212715202N01E358AD JOHANNES
121      02N01E36 F C CULPIN
121      02N01E36 F SLIP
121      02N01E365EW F JOHSTON
1212710302N01E365HB BRIONES
1212739402N01E365HP BARNES
1212710402N01E368FK MAY
121      02N01E367GP LIHLARD

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M AUSTIN
L F WOODWARD
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A G KELLEY
C E BRADY
L F WOODWARD
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L F WOODWARD
L WOODWARD
C KOHNEN

0329934	14	L	DO
00931	22	L	DO
198411218775		L	DO
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102497909083636		L	DO
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0403985	17	A	DO
091198110084831		L	DO
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101098512073244		L	DO
030297301746830		L	DO

Wells Township

17 01NO1W

17 01SO1W

189	01NO1W262HD COLBYSEY	C KOHNEN	626975	39698	29L	DOBD
189	01NO1W262HREADUS BINGEMAN (NO FEE)	C KOHNEN	0824972	15627	44LX	DOBD
189	01NO1W26 D KIMSEY	KELLEY DRUG CO	000965		74L	DO
189	01NO1W291RW MEHRT (NO FEE)	C KOHNEN	911971	11360	35L	DOBD
189	01NO1W291RW MEHRT		000920		20C	DO
189	01NO1W311RW MEHRT		000970		20C	DO
189	2471101NO1W311RW MEHRT	C KOHNEN	821986	125858	23L	DOBD
189	01NO1W314RW SUGER	N	0970		20C	DO
189	01NO1W314RW SUGER	N	0970		24C	DO
189	01NO1W318RW UNTERFELDT		0970		20C	DO
189	01NO1W31 P SUGER		000950		269L	DO
189	01NO1W31 P SUGER		000970		20L	DO
189	01NO1W31 P SUGER		000942		270L	DO
189	01NO1W318RW FIELE		0970		25C	DO
189	01NO1W318RW F UNDERWOOD		0971		75C	DO
189	01NO1W355RW FIELE	C KOHNEN	611979	86238	40L	DOBD
189	2474701NO1W357RW TAYLOR	C KOHNEN	571987	131242	31L	DOBD
189	01SO1W01 KELLEY STEEL PRODUCTS	KELLEY DRUG CO	000965		120L	DO
189	01SO1W074RW ALLEY		000970		50C	DO
189	01SO1W12 W R GRACE AND CO	KELLEY DRUG CO	000966		103L	DO
189	01SO1W153RW BRINE		0970		20C	DO
189	01SO1W15 H GAUMAN	KELLEY WELL DRUG	0966		160L	DO
189	01SO1W16 L SCHIERFELDER		0970		100C	DO
189	01SO1W16 L SCHIERFELDER		0970		99C	DO
189	01SO1W178RW UNTERFELDT	C KOHNEN	918971	12208	280L	DOBD
189	01SO1W178RW UNTERFELDT	C KOHNEN	920971	12208	13L	DOBD
189	01SO1W207RW SCHWABE		000970		C	DO
189	01SO1W237RW FLEMAN		000970		27C	DO
189	01SO1W237RW FLEMAN	C MOEDEL	000958		60L	DO
189	01SO1W253RW FLEMAN		000970		30C	DO
189	01SO1W253RW FLEMAN		000970		25C	DO
189	01SO1W333RW EMRICH	C KOHNEN	6 5973	19228	29L	DO
189	01SO1W377RW CHAMMAN	C KOHNEN	611979	86398	45L	DO
189	01SO1W366RW JULIFF	C KOHNEN	917971	12231	24L	DO